Index of Claims

| Application/Control No. | App | licati | on/Co | ntro | No. |
|-------------------------|-----|--------|-------|------|-----|
|-------------------------|-----|--------|-------|------|-----|

10/075,844

Examiner

AJIT G. PATEL

Applicant(s)/Patent under Reexamination

D'HERBEMONT ET AL.
Art Unit

2616

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                                    | Claim Date |                 |        |   |               | CI       | aim      | Date  |           |          |          |          |  |               | Claim   |                 | Date     |         |   |       |       |          |                    |          | $\neg$   |          |          |          |               |          |            |
|--|------------|-----------------|--------|---|---------------|----------|----------|---|-----------|----------|----------|----------|--|---------------|---------|-----------------|----------|---------|---|-------|-------|----------|--------------------|----------|----------|----------|----------|----------|---------------|----------|------------|
|  |            | 10              |        |   |               |          | T        |   | T         |          |          |          |  |               | T       |                 |          | $\Box$  | T                                       |       |       |          | П                  | П        |          |          |          |          |               | T        | $\neg$     |
| Final                                  | Original   | 110/10/03       |        |   |               |          |          |   | - 1       |          | त्त      | Original | 1  |               |         | 1               |          |         |   |       | ਰ     | Original |                    |          |          |          |          |          |               |          |            |
| 뉴                                      | rigi       | 1               |        |   |               |          |          |   |           |          | Final    | Ē        | i I  |               | į       | 1               |          |         |   |       | Final | rigi     |                    |          |          |          |          |          |               |          |            |
| -                                      | Ō          | 6               |        |   |               |          |          |   | - 1       |          | -        | Ō        | 1 1  |               |         | 1               |          |         |   |       | _     | Ō        |                    |          |          |          |          |          | .             |          |            |
| 5                                      | 1          | ÷               |        |   | -             | -        | +        | $\dashv$  | -+        |          | $\vdash$ | 51       | $\vdash$   |               |         | -               | $\dashv$ | +       | +                                       |       |       | 101      | -                  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +        | $\dashv$   |
| 4                                      | 2          | F               | -      | _ | $\dashv$      | -        | $\dashv$ | $\dashv$  | +         | - :::    | $\vdash$ | 52       | ╀  | +             | +-      | ╁               |          |         | ╁╌                                      |       |       | 102      | $\dashv$           | ┥        | $\dashv$ | $\dashv$ | _        |          | $\rightarrow$ | $\dashv$ | $\dashv$   |
| -                                      |            | <del>  </del> - |        |   | H             | +        | -+       | $\dashv$  | $\dashv$  |          |          | 52       | $\vdash$   |               |         | +               |          | +-      | +                                       |       |       | 102      | $\vdash$           | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\rightarrow$ | ┵        | $\dashv$   |
| de                                     | 3          | 1               | _      |   |               | -        | -        | $\dashv$  | $\dashv$  |          | <u> </u> | 53       | $\vdash$   | +             | ┿       | ╀               | +        | +       | +                                       |       |       | 103      | $\vdash$           | -        | $\dashv$ |          |          |          | $\dashv$      |          | $\dashv$   |
| <del>  '</del>                         |            | IJ-             |        |   |               |          | $\dashv$ | $\dashv$  | -         |          | -        | 54       | $\vdash$   | +             | +       | ╀               | +        | +       | +                                       |       |       | 104      | $\dashv$           | $\dashv$ |          |          |          | -        | $\dashv$      |          |            |
| <del>  \</del>                         | 5          | V               |        |   | $\dashv$      |          | $\dashv$ | +   | $\dashv$  |          |          | 55       | $\vdash$   | -             | +       | $\vdash$        | -        | +       | $\perp$                                 |       |       | 105      | $\vdash$           |          |          |          | _        | _        |               | $\dashv$ |            |
|  | 6          | _               |        |   | _             |          |          | _   |           | _        | <u> </u> | 56       | $\sqcup$   | _             | _       | $\sqcup$        | _        | _       |   | ::::: |       | 106      |                    | _        | _        | _        |          | _        | -             | -        | _          |
|  | 7          | Щ               | -      |   | $\dashv$      | _        | -        | _   | _         |          |          | 57       |  | +             | _       | $\sqcup$        | _        |         | $\perp$                                 |       |       | 107      |                    | 4        | $\dashv$ | _        |          |          | $\dashv$      | _        | 4          |
| <u></u>                                | 8          | Ш               |        |   | $\dashv$      |          | _        | _   | _         | _        | <u> </u> | 58       | $\sqcup$   | $\perp$       | 4       | $\sqcup$        |          | $\perp$ | $\perp$                                 |       |       | 108      | $\Box$             | _        | _        | _        | _        |          | _             | _        | _          |
|  | 9          |                 |        |   | $\dashv$      |          | 4        | 4   |           |          |          | 59       |  |               |         | $\sqcup$        |          | $\perp$ | $\perp$                                 |       |       | 109      | $\dashv$           | _        |          | _        | _        | _        | $\dashv$      | _        | _          |
| $\sqcup$                               | 10         | Щ               |        |   |               |          | $\perp$  |   | $\perp$   | _        |          | 60       |  | $\perp$       | $\perp$ | Ш               | $\perp$  |         | Ш                                       |       |       | 110      | Ц                  |          |          | _        |          |          | Ц             |          | $_{\perp}$ |
| $\square$                              | 11         | Ш               |        |   | Щ             | _        | $\perp$  | _   | $\perp$   | _        |          | 61       | $\sqcup$   |               | $\perp$ | $\sqcup$        | $\perp$  |         | Щ                                       |       |       | 111      | $\Box$             |          |          | $\perp$  |          |          | $\perp$       |          | $\Box$     |
|  | 12_        |                 |        |   |               |          |          |   |           |          |          | 62       | $\sqcup$   |               |         | ot              |          |         |   |       |       | 112      |                    |          |          |          |          |          | $\sqcup$      |          | $\Box$     |
|  | 13         | $\Box$          |        |   |               |          |          |   |           |          |          | 63       |  | $\Box$        |         | $\Box$          | $\Box$   |         |   |       |       | 113      |                    |          |          |          |          | ]        | $\Box$        | $\Box$   | $\Box$     |
|  | 14         |                 |        |   |               |          | $\Box$   | $\Box$  | T         |          |          | 64       |  |               |         |                 | T        |         |   |       |       | 114      |                    |          | $\Box$   | T        |          |          | ΞΤ            | _T       | _7         |
|  | 15         |                 |        |   |               |          | $\Box$   |   | $\Box$    |          |          | 65       |  |               |         |                 | $\Box$   |         |   |       |       | 115      |                    |          |          |          |          |          |               |          |            |
|  | 16         |                 |        |   |               | _T       | $\Box$   |   |           |          |          | 66       |  |               |         |                 |          |         |   |       |       | 116      |                    |          |          |          |          |          | Т             | $\neg$   |            |
|  | 17         |                 |        |   | П             | $\neg$   | T        | $\neg$  | T         |          |          | 67       | П  |               |         |                 |          |         |   |       |       | 117      |                    | 一        |          |          |          |          | T             | 一        | $\neg$     |
|  | 18         | П               |        |   |               | T        | $\neg$   | $\neg$  | $\exists$ |          |          | 68       | П  | 1             | $\top$  | П               | $\neg$   |         | П                                       |       |       | 118      |                    | 寸        | 寸        |          | $\neg$   |          | ヿ゙            | 寸        | コ          |
|  | 19         | П               |        |   | $\dashv$      |          | $\dashv$ | _   | $\neg$    | 7        |          | 69       |  | $\dashv$      | $\top$  | П               | $\top$   | 1       | $\top$                                  |       |       | 119      | _                  | 7        | 一        | $\dashv$ | $\neg$   |          | ヿ             | 寸        | ヿ          |
|  | 20         | П               | $\Box$ |   | $\dashv$      | 寸        | $\dashv$ | $\dashv$  | 十         | -        |          | 70       |  | $\top$        | +       | H               | $\dashv$ | $\top$  | $\top$                                  |       |       | 120      |                    | 7        |          |          | $\dashv$ | $\neg$   | $\dashv$      | $\dashv$ | $\dashv$   |
|  | 21         | Н               |        |   | $\vdash$      | _        |          | _   | _         | -        |          | 71       | $\vdash$   | $\dashv$      | +       | H               | 十        | $\top$  | T                                       |       |       | 121      | $\dashv$           | 7        |          |          |          | $\neg$   | _             | 一        | ⊣          |
|  | 22         | $\vdash$        | -      | _ | $\dashv$      | _        | $\dashv$ | $\dashv$  | _         | $\dashv$ |          | 72       | $\vdash$   | $\dashv$      | +       | H               | $\dashv$ | +       | $\vdash$                                |       |       | 122      | $\dashv$           | 7        | _        | $\dashv$ |          | $\neg$   | $\rightarrow$ | -        | ᅥ          |
| -                                      | 23         | Н               |        |   | $\vdash$      | +        | $\dashv$ | $\dashv$  | $\dashv$  | -        | _        | 73       | $\vdash$   | +             | +       | Н               | $\dashv$ | +       | $\vdash$                                |       |       | 123      | -                  |          |          | $\dashv$ | _        | _        |               | -        | ⊣          |
| _                                      | 24         | -               |        |   | $\vdash$      | $\dashv$ | +        | $\dashv$  | -+        | -        |          | 74       | $\vdash$   | +             | +       | H               | $\dashv$ | +       | +                                       |       |       | 124      |                    |          |          |          | $\dashv$ |          | $\dashv$      | -+       | $\dashv$   |
|  | 25         | Н               |        | _ | $\dashv$      | $\dashv$ | +        | $\dashv$  | $\dashv$  | -        | _        | 75       | $\vdash$   | $\dashv$      | +       | $\vdash$        | $\dashv$ | +       | $\vdash$                                |       |       | 125      | $\dashv$           | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\rightarrow$ | $\dashv$ | ⊣          |
|  | 26         | -               | -      | _ | $\dashv$      | ┰        | $\dashv$ | $\dashv$  | $\dashv$  |          | <b>—</b> | 76       | $\vdash$   |               | +       | $\vdash$        | $\dashv$ | +       | +                                       |       |       | 126      |                    | ┪        | +        | -        |          |          | $\dashv$      | $\dashv$ | ㅓ          |
| <u> </u>                               | 27         |                 |        |   | $\dashv$      | -        | +        | $\dashv$  | $\dashv$  |          | _        | 77       | $\vdash$   | +             | +       | ┨               | $\dashv$ | +       | +                                       |       |       | 127      | -                  | ┥        | -        |          | $\dashv$ | -        |               | -        | ᅱ          |
| $\vdash$                               | 28         | H               |        |   |               | $\dashv$ | +        | +   | +         | -::::    |          | 78       | ╁  | +             | +       | ┥               | $\dashv$ |         | 1                                       |       |       |          | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$      | $\dashv$ | ᅥ          |
| $\vdash$                               |            | $\vdash$        |        |   | -             |          | +        |   | +         |          |          |          | ╁  | +             | +       | ╁               |          |         | $\vdash$                                |       |       | 128      | -                  | $\dashv$ | +        | $\dashv$ | -        | _        | $\dashv$      |          | $\dashv$   |
|  | 29         | Н               | -      |   | $\dashv$      |          | -        |   | +         | -        |          | 79       | $\vdash$   | +             | +       | $\vdash$        | $\dashv$ |         | ╂                                       |       |       | 129      |                    |          | -        | -        |          | _        | -             | -        |            |
| -                                      | 30         | Н               |        | _ | $\dashv$      |          | -        | -   | +         |          |          | 80       | $\vdash$   | -             | +       | $\vdash$        |          | -       | +                                       |       |       | 130      |                    | -        | -        | -        |          | -        | $\dashv$      | $\dashv$ | $\dashv$   |
| $\vdash$                               | 31         | Н               |        |   | -             |          |          |   |           |          | -        | 81       | $\vdash$   | -             | +       |                 |          | +       | $\vdash$                                |       |       | 131      | $\dashv$           | 4        | -        |          | _        |          | $\dashv$      | -        | 4          |
| <b> </b>                               | 32         | $\vdash$        | -      | _ |               | $\dashv$ | +        | $\dashv$  | $\dashv$  |          | <u> </u> | 82       | <del>                                     </del> | +             | 4-      |                 | -        | +       | +                                       |       |       | 132      | $\dashv$           | 4        | _        | _        | _        |          | <del> </del>  | _        | 4          |
| $\vdash$                               | 33         | $\vdash$        |        | _ | _             | -        | $\dashv$ | $\dashv$  | $\dashv$  |          | <u> </u> | 83       | $\vdash$   | _             | +-      | $\vdash \vdash$ | _        | +       | +                                       |       |       | 133      | $\dashv$           | 4        | _        | _        | _        | _        | _             | _        | _          |
| $\vdash \vdash$                        | 34         | Н               | Ш      |   | _             | 4        | 4        |   | $\dashv$  |          | <u> </u> | 84       | $\vdash$   | _             | +       | $\vdash$        | _        | +       | $\vdash$                                |       |       | 134      | $\dashv$           | _        | _        | _        |          | _        | $\dashv$      | _        | 4          |
| $\vdash \vdash$                        | 35         | Н               | $\Box$ | _ |               | 4        | _        | $\dashv$  | 4         |          |          | 85       |  | _             | -       |                 | _        | +       | $\vdash$                                |       |       | 135      | $\dashv$           | _        | _        |          | _        |          | $\dashv$      | _        | _          |
|  | 36         | Щ               |        |   |               | _        | 4        | 4   | $\dashv$  |          | <u> </u> | 86       | $\vdash \vdash$                                  | _ _           | -       |                 | _        | ┷       | $\perp$                                 |       | _     | 136      | _                  | _        | _        | _        | _        | _        | $\dashv$      | _        | $\dashv$   |
|  | 37         | Щ               | _      |   | $\rightarrow$ | _        | $\perp$  | _   | _         | -4       | ļ        | 87       | $\vdash \vdash$                                  | _             | _       | $\sqcup$        | $\dashv$ | - -     | 1                                       |       |       | 137      |                    | _        | _        | _        | _        | _        | _             | _        | Ц          |
| $\vdash$                               | 38         | Щ               |        |   | $\dashv$      | 4        | $\bot$   | 4   | _         | _        | ļ        | 88       | $\sqcup \!\!\! \perp$                            | _             | 4       | $\sqcup$        | _        |         | $\downarrow \downarrow$                 |       |       | 138      | $\dashv$           |          | _        | _        | ļ        |          | _             | $\dashv$ | 4          |
| Ш                                      | 39         | Ш               |        |   |               | _        | 4        |   | $\perp$   | _        | <u> </u> | 89       | $\sqcup$   |               |         | $\sqcup$        | _ _      | Щ.      | Ш                                       |       |       | 139      | $\perp$            |          |          |          |          | $\Box$   |               | $\perp$  | _          |
| L                                      | 40         | Ш               |        |   |               | $\perp$  | $\bot$   | $\perp$   | _         | _        | <u> </u> | 90       | $\sqcup \bot$                                    | $\bot$        | 1_      | Ш               |          | $\bot$  | Ш                                       |       |       | 140      | $\perp \downarrow$ | $\perp$  | _        |          |          |          | $\perp$       |          | $\Box$     |
| $ldsymbol{ldsymbol{ldsymbol{\sqcup}}}$ | 41         | Ш               |        |   | ightharpoonup | $\perp$  | $\perp$  | $\perp$   |           | _        | ļ        | 91       | $\sqcup \bot$                                    | $\perp$       |         | Ш               | _ _      |         | Ш                                       |       |       | 141      | $\sqcup$           | _        | _        | $\Box$   |          | $\Box$   | $\dashv$      |          | _          |
|  | 42         | Ш               |        |   |               | $\bot$   | $\perp$  |   | $\perp$   | _ ;;;;   |          | 92       |  | 丄             |         | Ш               |          |         | Ш                                       |       |       | 142      |                    |          |          |          |          |          | _             |          | ╝          |
|  | 43         | Ш               |        |   | [             | ]        |          |   |           | _[::::   |          | 93       |  |               |         | Ш               |          |         | Ш                                       |       |       | 143      |                    |          |          |          | ]        | I        | $\Box$        |          | ╝          |
|  | 44         |                 | ]      | ] |               |          |          |   |           | !!!!!    |          | 94       |  |               |         |                 |          |         |   |       |       | 144      |                    |          |          | $\Box$   |          |          | $\Box$        |          |            |
|  | 45         |                 |        |   | $\Box$        |          | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\Box I$  |          |          | 95       |  |               | $\perp$ |                 |          |         |   |       |       | 145      |                    | _7       |          |          |          |          |               | _T       |            |
|  | 46         |                 |        |   |               | $\Box$   |          |   |           |          |          | 96       |  |               |         |                 | $\top$   | Т       |   |       |       | 146      |                    | 丁        | $\neg$   |          |          | 乛        | $\neg$        | $\neg$   | $\neg$     |
|  | 47         |                 |        |   | $\Box$        |          | T        |   | Т         |          |          | 97       |  |               |         |                 |          | $\top$  | T                                       |       |       | 147      |                    | T        | $\neg$   | 7        | $\neg$   | $\neg$   | 丁             | 一        | $\neg$     |
|  | 48         |                 |        | - | 寸             | $\neg$   | $\neg$   | $\exists$   | $\neg$    |          |          | 98       | $\Box$   | $\neg \vdash$ | $\top$  |                 | $\neg$   |         | $\sqcap$                                |       |       | 148      | T                  | 寸        | 寸        |          | $\neg$   |          | $\dashv$      |          | ヿ          |
|  | 49         |                 | ヿ      |   | 寸             | 寸        | T        | 寸   | 寸         |          |          | 99       |  | 十             | 1-      | $\Box$          | $\top$   | $\top$  | $\dagger \exists$                       | ı     |       | 149      |                    | T        | $\dashv$ | _        | _        | $\neg$   | 寸             | 寸        | $\neg$     |
|  | 50         |                 |        |   | $\dashv$      | _        | $\top$   | 十   | $\dashv$  | 7        |          | 100      | $\Box$   | $\top$        | 1       |                 | +        | $\top$  | Н                                       |       |       | 150      | 7                  | _        | $\dashv$ | _        | $\neg$   | ┪        |               | 一        | ヿ          |
|  |            |                 |        |   |               |          |          |   |           |          |          | 1.00     |  |               |         |                 |          |         | لــــــــــــــــــــــــــــــــــــــ | [     |       | 100      |                    |          |          | _        |          |          | —             |          |            |